AVIATION

The Oldest American Aeronautical Magazine

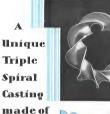


SPECIAL FEATURES

BUILDING A Dealer ORGANIZATION

Advertising Pays ... when it is Good advertising

THE Financing of Aircraft sales





Here is a most unique servelane engine part made of Bohaulite. The movilled a Triple Spirol Corner and it case in the intake Nore and more are accountied cogneers specifying Bohnolite for costance. They realize that lathor wought means a but

Bohn metallicepots have spent years in specializing on assessed. requirements. Their knowledge of metals and special heat treatments, known only to this operationism, is at your pervise. Send blue points and anuples. Let us neigt you in advancing

New York Chengo Philadelphia Circulant with the same of t The ALLIANCE AIRCRAFT CORPORATION ellliance O

rance of one, in its relationship with the other, of both. Should the prior demand speed-In the Hess-Warner powered

> The Hess-Warrior is a seven-eylinder, radial, sir-cooled engine and develope 125 harmoreover at 1900 via ra. Designad and built in the same plant, the Hean-



AN INSTANCE of the increased capacity A of a plane by the installation of Axelson Engines is noted by the Tri-meterral Albatross, wherein the former too speed of 95 miles was increased to more than 120 miles . . . without crowding the three Axelsons. Capable of developing 150 H.P. at 1800 revolutions per minute the Axelson offers great reserve power . . . and such a dependable degree of performance that it is winning acceptance by many leading plane

Literature upon Request Axelson Aircraft Engine Co. Denoted Officer and Festivey Boyle Avenue and Randelph Street



WHY FAIRCHILD KR BIPLANES GIVE RESULTS never before attained!



PERSONAL ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT ASSESSME a should be hight in weight yet rouged; should have even you renotly those possible—in monourus never before

Scorniafic decays, given Pointhold KR models their smooth structure. Helanced construction, precision methods and dreagth without racess wought referents of product and interchangestakts of parts

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KR AIRPLANES



for Planes Equipped with Radio BELDEN Radio Shielded The use of Belden Accords Worse Bills has been a tremendors and Cobben sens in and year our

Belden Manufacturing Company

Coll Windians 2308, R. Soeth Western Avenue Automotive Wires and Cables Adealoga Association

BELDEN PRODUCTS

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Mores Level Wines. Cather Cables Cotton Sleeving



130 m.p.h. 3820 lbs. pay load. 8 hrs. per day

As the world's oldest specialism to laboration,

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CANS OF INSURANCE

"THE red and black cannof TP: visitages over other methods, in contain the best insurance against while preserving all the labriciacrused by faulty labracation. That tion of the wax is responsible for

TP. Oils are new-sthe later. In terms of performance that development in scientific labeles- meson uniform viscosity at all tion. They have been tored and working temperatures, minimum. approved by leading manufacture curbon deposit and familion many leading relets. They are easy cold printing, immediate oil serviable-run eds, not blended or pressure, perfect labrication compounded, produced from winter and summer, on the mare, pareffer, hour crusts by sround or at high altitudes-a

This process has marked ad- Log Book sent free on request.



TEXAS PACIFIC COAL AND OIL COMPANY Mew York St. Lonin Lot Augeles -TP-Acro Motor Lubricatiks Oil

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NO FIELD TOO SMALL



All-round Performance

Here, in one ship, an all-round performance you might expect only in special-purpose planes! Off the ground in 4 seconds . . . with a climb that makes "no field too small. no tree too tall?" . . . manoeuverable enough to win stunting contests ... yet with "bands-off" stability eyes in a scall . . . and landing at 35 miles per hour. Thur's the BIRDs

Valuable dealer franchises still stew

Brunner-Winkle Aircraft Corp. > Harmison St., Glendale, Broaden, N. v.



WHY IT CAN DO IT The Bolow is a broduct of a sound, seventific environments

system. Design expects created it; serodynamical engineers (in the wind tunnel) predetermined its performance; structural engineers guaranteed its strength and safety; chemical engineers and metallurgists recommonded the materials used in its construction and expert craftsmen built it. Thus, fine engineering is responsible for the OX altitude record just as it is responsible for other striking evidences of the Robin's all around outstanding performance.



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GOODRICH AFRONAUTICAL EXPERIMENTS Never End ...

For Goodrich Maintains Its Own "Loboratory" In The Air FIGUE Condrict Laboratory Series St.

work on the avenue. A Goodrich owned

Teday, Goodeich lends its name to 40 Scattery.

Result?... At four emperaleplane shows ently have done in the part.

Goodrich +@+

BURRER FOR AIRPLANES



Physical Properties

I Nattaining a position of definite Lakes Aircraft Corporation has built cal foundation...believing that the best workman is worthy of the hest tools. Outstanding engineering shilling skilstanding have been combined with the

most adequate and modern working equipment. Eighty agree of ground, well located on the outskirts of Cleveland - a large well graded leading field honour fa-

cilities-over 90,000 square feet of cently completed addition of 10,000

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ing practice. production and merchandising program assure to every purchaser of a Great Lakes plane, not only a product

nitely associated in the public mind with leadership in the Industry.



RYAN AND WHIRLWIND 9

The last zoord in power-a perfected installation A suprare entries installed as only Kyan could do seen, cortwary and surplus power. Power, inten-the pile-one more reason why so many manufact about by low weight. Web Reas's gross of 4,000

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SISTER SHIP OF THE "SPIRIT OF ST. LOTIS"



TIME-PAYMENT PLAN

Dealer Talks No. 3 CONTRO BRANCO MANAGER-"Here was board about the

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Managers-"But is simple. Make a down payment of \$975

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GULEPRIDE OILS provide to the highest extent these desirable features necessary for satisfactory operation of Aviation Motors:

- 1. Oil economy-for to their extremely long life:
- 4 High quality-exhibit masterum change of

GULFPRIDE OILS are approved by leading Aviation Engine builders. Manufactured for Aviation engine lubrica-

GULFPRIDE OIL 78 GULFPRII GULEPRIDE OIL 100 GULEPRIDE OIL 19 GULEPRIDE OIL 200

GULF REFINING COMPANY





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SIDNEY - NEW YORK

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CONTENTS

The American Airplane Market in China 220 Advertising Pays-When It Is Good Advertising 222 The Boring (Model 100) Sport Plane 225 The Financing of Airplane Sales 227 Ford Motor Company and American What Our Readers Say

THE transfer of our perquarters on the seaboard at Baltimore, is the first step in a program of wider service to the development of the art of aeronautics.

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M-GRAW-HILL PUBLISHING COMPANY, INC. Touth Arrows at High Street, New York, N. Y.



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the story of "The Fleet," Sent free on request. ADDRESS FLEET AIRCRAFT INCORPORATED 2050 ELMWOOD AVENUE, BUFFALO, NEW YORK

A DOMAN MEA PERSONNEY - REPORTED 1919



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Over-seas Flying and an Editorial Policy

HIS IS the third summer in which never flywar has prepared to a yearst. Since Lindbergh continue to continue, and torresoled at the power

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Progress would be difficult and builting if these were no necessation art of the present is built upon the work of Transcensor flabra have been undertaken from

to their properly exceed share of the public's attention

upon to give there attention. Until further notice we attempts except those, so far very few in number, which

IN ITH THIS ISSUE, on page 212, letters from its readers. We are undertaking cordinity desired from all .-- THE Empres.

Tuenty Years Ago

ERONAUTICAL EVENTS basses to modify In the present that there is lattle time or thought back we shall have no many of progress. There must

On July 25, 1900, twesty years ago upon the very der when the manager is reaching its first readers, a victor arrived on English and. That creatry had been

Tourists follow in the easy claims of their air lines took Bieriot, behind a family spottering engine, half as or a third of its power and hold its akstude. Heriot, specific very edge of possibility. It is easy to look back a hop, but their tecknood deficulties were no less neutr faced the additional handings of a widespread public would and that those who practiced it were middle

time. No fight so short ager only those at Kitty Hawle once crushed to earth will rise again. Blerrot's earliest operant. After two decades, the wheel is contage back They, too, are with us again in force, though changed in Great Britain and the Continent was runde with no sercooled engine of at least semi-radial form. There encord a period of half a dozen peace when the type had hardly a friend, but when custom years after the

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ORGANIZATION

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THE AMERICAN AIRPLANE



China

MARKET

By East, F. Baskey

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plane type from sensiter country, and quite recently had



Advertising Pays... WHEN

By R. Sidney Bowen, Jr.

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ADVERTISING

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THE PATHENT PLAN

CURTISS FLYING SERVICE

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BERRY BROTHERS

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AVIATION

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THE Financing of AIRCRAFT SALES

Some Interesting Facts About a Recently Inaugurated Time Payment Plan That Not Only Covers the Purchase of New Planes But Used Planes and Repair Work as Well.

By WILLIE PARKET

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Ford Motor Company AND AMERICAN AERONAUTIC

DEVELOPMENT

The Ford Airblane Reliability Tour Is Inaugurated, the First Tri-Engined Ford Constructed, and Operations Started on C. A. M. Routes 6 and 7

By JOHN T. NEVILL



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"I fed toward aviation as I did toward the motor can

THUS IN WAS that Mr. New west to Detroit and asked I the resculatorer to take over the responsibility of

of building and ording automobiles. Why rould not

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WHAT OUR Readers SAY

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Grant Approval Certificates To Five Aeronautic Schools

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According to Courses

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NEW YORK (n. v.)-Sanston has

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California Group's Membership Widened

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Stones Boiler for Slate Airship

Nebroska Licensine Law Goes into Effect

Electrochemical Group

Universal Bays 20 Robins

Stoot Orders 57 Waspe

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Service Steel Opens Besneh BUFFALO (N W) - Service Sted Company, Detroit, Mich., but opened a

Acquired by United

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LOS ANGELES (cause)-Pellowers

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AVIATION

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Representatives Numeral

amounted to approximately \$6,000,000 according to W. K. Boeing

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New Firms Announced

School, Kinnes Cro. Mo., capital ES-609, by Hugh I, Thompson, W H Divine and C 5 Thompson, in operate

Certificates of Approval Granted Five Schools

Nebrodo Tour in September

To Survey Dirigible Base Sign ANGSLES COLOR | - FROM at up carly date. Officers of the su-

Darkey Windows For Blind Flying

Talbot, Hanshue Group Adds to Interests on Coast

Ryan Survey Shows 135 Firms Onco Planes

Report Rudgelite Use By Various Plane Firms

Cornerie Heads Berry Bras-

AIRPORTS AND AIRLINES To Hold Airport Conference. WASHINGTON IN a book could

Radio Problems

Discussed Again

Twin Cities-Canada Services Announced

Start Suffair-Toronto Line

Air Line Cost T.A.T.

Detroit-Montreal Mail Begins More Than \$3,000,000

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DETROIT (secon)-Drift passenger

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New Time Table Issued

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Air Line Companies In South Share Planes

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Airvin Opens N. Y. Boston Line

FOREIGN ACTIVITIES

Open Big Air

Show at London



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ON AVIATION AND 27, 1909

THE BUYER'S LOG BOOK

Improved DeWalt Wood Cutter

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